

(B1 Conc)

a control part for controlling said image pickup apparatus through said interface part,

wherein said control part controls [the video signal is compressed according to a look-up table held within] said color space converting part to reduce bit numbers for each color signal transferred through said interface part. --.

(SUBC2)

10. (Amended) An image pickup apparatus comprising:
an image sensor for photo-electrically converting a picked-up object image into an electrical signal;
a video signal generating part for forming a video signal from the electrical signal;
a color space converting part for converting a color space of the video signal; and
an interface part for externally transferring the video signal,
wherein [the video signal is compressed according to a look-up table disposed within] said color space converting part is controlled by a control apparatus connected to said interface part to reduce bit numbers for each color signal transferred through said interface part.

(SUBC3)

-- 20. (Amended) An image pickup unit comprising:
image pickup means for picking up an optical image to form a picked-up image signal;
interface means for performing communication with an external signal processing apparatus; and